

Serial No.:
Inventor(s): David A. Cathey

IN THE SPECIFICATION

In the title, please delete "EMITTERS AND METHOD FOR FORMING THEM" and add in its place --EMITTER--.

After the title, please include the following --

RELATED APPLICATIONS

a₁ This application is a continuation of pending U.S. Application Ser. No. 08/609,354, filed Mar. 1, 1996; which is a divisional of U.S. Application Ser. No. 08/089,166, filed Jul. 7, 1993 and issued as U.S. Patent No. 5,532,177. --

On page 3, line 8, please delete the term "effects" and replace it with -- affects --.

On page 6, line 14, please add -- 10 -- after the word "phosphor".

On page 6, line 31, please add the following sentence. -- Accordingly, the figures relevant to this description could be characterized as illustrating an "in-process" device, which is a device that is in the process of being made. --

a₂ On page 8, line 10, please (1) delete the word "in" and replace it with -- extending from a surface etched from --; and (2) add -- 50 -- after the word "pillars".

On page 8, line 11, please (1) delete ", which" and replace it with -- . These --; (2) replace "13," with -- 50 --; and (3) before the word "will" please add -- are depicted in Figure 3 and --.

a₃ At page 9, line 15, please add the following sentence to the end of the paragraph -- It should be noted that, in the embodiment depicted in Figure 5, the impurity concentration 13a at the base of the emitters 13 is generally zero. --

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having an etch-resistible quality that increases with depth from said apex.

Cont'd 28. (New) The display panel in claim 27, wherein said emitter electrode further comprises a base and further has an oxidizable quality that increases with elevation from said base.

Concluded C1 29. (New) The display panel in claim 28, wherein a portion of said substrate that is under said emitter electrode has an etch-resistible quality generally similar to an etch-resistible quality of said base.

30. (New) The display panel in claim 29, wherein said portion has an oxidizable quality generally similar to an oxidizable quality of said base.

31. (New) A cathode conductor system, comprising:

a tip further comprising:

an apex, and

a base under said apex;

a substrate indivisibly extending from said base; and

a dopant in said tip defining a concentration gradient from said apex to said base and further defining a uniform concentration under said base.

Concluded 32. (New) The cathode conductor system in claim 31, wherein said dopant defines a concentration of generally zero within said substrate.

REMARKS

Claims 23-32 are the only claims pending. In the interest of efficient prosecution, Applicant notes that these claims were originally presented as claims 49-52 and 64-69 in the parent application. As of the parent's Office Action dated 10/19/98, the only basis for rejecting these claims was under 35 U.S.C. §103 in light of U.S. Patent 5,372,973 by Doan and assigned to